WMG2502

802.11b/g Wireless Mini PCI Card

The WMG2502 Wireless Mini PCI Card integrates the latest technology and is fully compliant with the IEEE 802.11b and 11g standards. It empowers your notebook to access wireless network instantly with maximum 54Mbps throughput. This Mini PCI Card is equipped with the most secure enhancement to save your important information from hacking. It also supports popular operating systems with great compatibility.

FEATURES

- Complies with IEEE 802.11b and 802.11g standards for 2.4GHz Wireless LAN.
- Compliant with mini PCI 1.0 Standard.
- Works with all existing network infrastructure.
- Complies with specific wireless products and services.
- Capable of up to 128-Bit WEP,TKIP and AES.
- Freedom to roam while staying connected.
- Up to 54 Mbps data transfer rate in 802.11g mode of operation.
- Supports Windows98/ME/2000/XP
- Lower power consumption.
- Easy to install and configure.

SPECIFICATIONS

Standard	IEEE 802.11b, IEEE 802.11g
Host Interface	Mini PCI form factor (Mini PCI interface 1.0)
Operating Voltage	3.3V (Vaux)
Power Requirement	Power consumption at 11g; TX: 330mA Rx: 330mA Power consumption at 11b; TX: 340mA Rx: 300mA
Antenna Type	2 Diversity U.FL Compatible Coaxial Connector
Frequency Range	2.412GHz-2.484GHz
Number of Selectable Channels	USA, Canada (FCC): 11 channels (2.412GHz~2.462GHz) Europe (CE): 13 channels (2.412GHz~2.472GHz) Japan (TELEC): 14 channels (2.412GHz~2.484GHz)
Modulation Technique	802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing
Security	Hardware-Based Encryption/Decryption Using 64-, 128-bit Wired-Equivalent Privacy (WEP) Keys, WPA and WPA2 are also supported.
Output Power	OFDM: 12dBm~14dBm (54Mbps, 15mW~25mW) CCK: 16dBm~18dBm (11Mbps, 40mW~ 63mW)
Receiver Sensitivity	802.11g (in 10% PER) -70 dBm(max.) at 54Mpbs (-65dBm in average) 802.11b (in 8% PER) -80 dBm(max.) at 11Mpbs
Range	Indoors: up to 100meters; Outdoors: up to 400meters
Physical Specifications	Weight: 10g, Dimension: 59.75 (L) x 44.6(W) mm
Environment Specifications	Operating Temperature: 0~50℃ ambient temperature Storage Temperature: -20~70℃ ambient temperature Operating humidity: 90% maximum (non-condensing) Storage humidity: 90% maximum (non-condensing)
Supported OS	Windows 98, Windows ME Windows 2000, Windows XP
EMC Certification	FCC, CE